CITY OF KIRKLAND CAPITAL IMPROVEMENT PROGRAM 2019 TO 2024

PROJECT #	SDC0890000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Rod Steitzer

PROJECT	NE 142ND STREET SURFACE WATER DRAINAGE IMPROVEMENTS		
TITLE			
PROJECT	NE 142nd Street and 77th Avenue NE	PROJECT STAR	T PROJECT STATUS
LOCATION		2018	Modified Project

DESCRIPTION/JUSTIFICATION

Local road and property flooding has occurred at the intersection of NE 142nd Street and 77th Ave NE in the vicinity of Inglewood Presbyterian Church. The cause of the flooding is not conclusive, and additional analyses and investigation is needed to develop a solution. Potential options include adding an inlet structure near the intersection, channel maintenance through the wetland, adding upstream detention or infiltration, and/or installing a high flow bypass. Additional options analysis and hydrologic and hydraulic modeling is necessary to develop a viable alternative.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Total project costs changed due to updated and escalated cost estimate. Added project year of 2020 for completion.

POLICY BASIS	PRIOR YEAR(S)		METHOD OF FINANCING (%)		
Surface Water Master Plan	BUDGET TO ACTUALS		Current Rever	nue	81%
			Reserve		0%
COUNCIL GOALS	Budget	\$194,000	Grants	KC Flood Grant (\$200,000)	19%
	Actual	\$3,669	Other Sources	S	0%
Environment	Balance	\$190,331	Debt		0%
Dependable Infrastructure		+ = = = =	Unfunded		0%

CAPITAL COSTS	Prior Year(s)	2019	2020	2021	2022	2023	2024	2019-2024 TOTAL	Future Year(s)	Total Project
Planning/Design/ Engineering	39,000	253,800	37,000	0	0	0	0	290,800	0	329,800
In-House Professional Svcs.	20,000	10,000	10,000	0	0	0	0	20,000	0	40,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	135,000	0	278,000	0	0	0	0	278,000	0	413,000
Comp. Hardware/ Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	194,000	263,800	325,000	0	0	0	0	588,800	0	782,800
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	During construction of this project, adjacent property owners and motorists will be impacted by construction equipment and possible traffic detours.
Community economic impacts	None anticipated.
Health and safety, environmental, aesthetic, or social effects	Improvements to surface water quality will have a significantly positive environmental effect.
Responds to an urgent need or opportunity	This project is identified as a high priority in the Surface Water Master Plan.
Feasibility, including public support and project readiness	During the design development, community involvement will be addressed. This project does not present significant engineering issues. Permitting and environmental issues will be addressed during design.
Conforms to legal or contractual obligations	Projects will be designed and constructed per professional and legal guidelines.
Responds to state and/or federal mandate	Supports City National Pollutant Discharge Elimination System (NPDES) Phase II permit compliance.
Benefits to other capital projects	To be determined.
Implications of deferring the project	Continued degradation of surface water.
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: Finn Hill Is there a specific reference to this project or land use in the immediate vicinity? No How does the project conform to such references? Attachments (Specify)
LEVEL OF SERVICE IMPACT	Project provides no new capacity (repair, replacement or renovation). Project provides new capacity. Amount of new capacity provided: Project assists in meeting/maintaining adopted level of service. Project required to meet concurrency standards.